SD-1C901-01

DWG ISSUE	CD ISSUE	DATE ISSUED		APP
1	1	2-5-74	RHS WPN	RAM WFS RFS
2D	2D	6-10-75	AS DNR	RAM LAW RFG
3AR	2D APPX 1AR	6-3-77	TAB DNR	DJM LEG JBD
4D	2D APPX 2D	6-3-77	TAB DNR	DJM LEG JBD

SHEET INDEX

CONTENTS	SHEET NO.	ISSUE NO.																								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
SHEET INDEX SUPPORTING INFORMATION	A1	1	2	3	4																					
FS 1 CONTROL PANEL CKT	B1	1	2	2	2																					
APP FIG. 1	C1	1	2	2	2																					
NOTES: CIRCUIT EQUIPMENT INFORMATION	D1	1	2	2	2																					
	D2		2	3	3																					
CPS 1 CONTROL PANEL CKT	J1	1	2	3	4																					
	J2	1	2	2	2																					
	J3	1	2	3	3																					
	J4	1	2	2	2																					

CONTENTS	SHEET NO.	ISSUE NO.

SHEET INDEX NOTES

1. WHEN CHANGES ARE MADE IN THIS DRAWING, ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.
2. THIS SHEET INDEX WILL BE REISSUED AND BROUGHT UP TO DATE EACH TIME ANY SHEET OF THE DRAWING IS REISSUED, OR A NEW SHEET IS ADDED.
3. THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE SHEET INDEX.
4. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.
5. THE LAST ISSUE NUMBER OF THE SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT DRAWING	ED-4C006-30

NOTICE- NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT.

ISSUE 4D

1N98

COMMON SYSTEMS

3ACC CONTROL PANEL
CIRCUIT

②

AT&TCO
STANDARD

SD-1C901-01-A1
9 SHEETS

BELL TELEPHONE LABORATORIES
INCORPORATED

6S

FS 1

CONTROL PANEL CKT

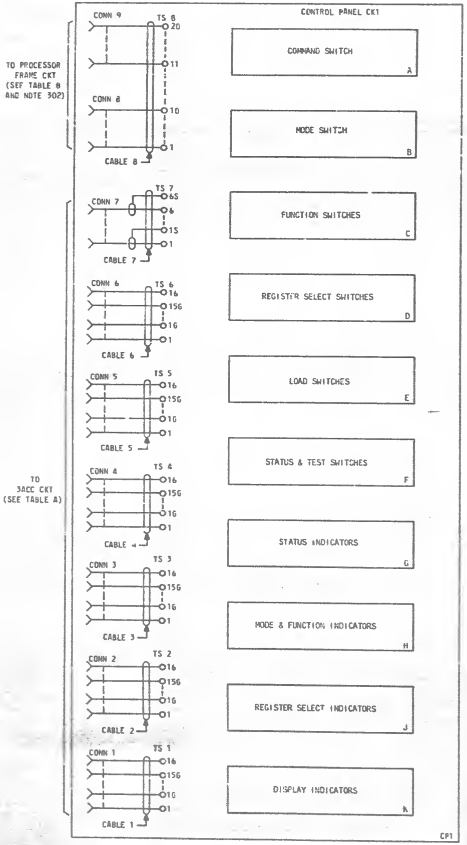


TABLE A

PANEL CONNECTION			3ACC CKT CONNECTION	
TS NO.	TERM. NO.	LEAD DESIG	EQPT LOC	TERM. NO.
1	1		10-20	218
	2			318
	3			217
	4	MANL1		317
	5	ST0PL1		216
	6	0NL1		316
	7	0FFL1		215
	8			315
	9			214
	10	L0ADKO		314
	11	DISRKO		213
	12	ENABLO		313
	13	HALTLO		212
	14	ROLO		312
	15	SPLLO		211
	16			311
	1G-15G	GRDA		310
2	1	R1LO	10-21	018
	2	R2LO		118
	3	R3LO		017
	4	R4LO		117
	5	R5LO		016
	6	R6LO		116
	7	R7LO		015
	8	R8LO		115
	9	R9LO		014
	10	R10LO		114
	11	R11LO		013
	12	R12LO		113
	13	R13LO		012
	14	R14LO		112
	15	R15LO		011
	16	FLKO		111
	1G-15G	GRDA		110
3	1	PHKO	10-21	218
	2	MPKO		318
	3	PHLO		217
	4	PLLO		317
	5	DB19LO		216
	6	DB18LO		316
	7	DB13LO		215
	8	DB12LO		315
	9	DB11LO		214
	10	DB10LO		314
	11	DB9LO		213
	12	DB14LO		313
	13	DB15LO		212
	14	DB16LO		312
	15	DB17LO		211
	16	MPLO		311
	1G-15G	GRDA		310
4	1		10-20	208
	2			308
	3			207
	4	REJLO		307
	5	BAEXKO		206
	6	STEPKO		306
	7	HALTKO		205
	8	RS1KO		305
	9	HIL0KO		204
	10	RS2KO		304
	11	RS4KO		203
	12	RS6KO		303
	13	DISMKO		202
	14	ST0KO		302
	15	IADRKO		201
	16	COATKO		301
	1G-15G	GRDA		300
5	1	CADRKD	10-21	008
	2	SGKO		108
	3	I15KO		007
	4	I14KO		107
	5	I13KO		006
	6	I12KO		106
	7	I11KO		005
	8	I10KO		105
	9	I9KO		004
	10	I8KO		104
	11	I7KO		003
	12	I6KO		103
	13	I5KO		002
	14	I4KO		102
	15	I16KO		001
	16	I17KO		101
	1G-15G	GRDA		100
6	1	IDKD	10-21	208
	2	I18KO		308
	3	I19KO		207
	4	I1KO		307
	5	I2KO		206
	6	I3KO		306
	7			205
	8	DB4LO		305
	9	DB3LO		204
	10	DB2LO		304
	11	DB1LO		203
	12	DB0LO		303
	13	DB5LO		202
	14	DB6LO		302
	15	DB7LO		201
	16	DB8LO		301
	1G-15G	GRDA		300
7	2	EXECKO	10-20	118
	2S	EXECKOG		018
	1	EXECK1		117
	1S	EXECK1G		017
	3	RESKD		116
	3S	RESKOG		016
	4	RESK1		115
	4S	RESK1G		015
	5	MANKO		114
	5S	MANKOG		014
	6	TMKO		113
	6S	TMKOG		013

TABLE B

PANEL CONNECTION			PROCESSOR FRAME CKT CONNECTION (SEE NOTE 302)	
TS NO.	TERM. NO.	LEAD DESIG	EQPT LOC	TERM. NO.
8	2	PWRKABG	10-28	309
	4	PWRKAB		308
	11	PWRLC		307
	5	LPTKAB		306
	3	PWRKAMG		305
	1	PWRKAM		304
	8	PKEY		303
	9	PKEYR		302
	7	LPTKBM		301
	6	LPTKBC		300
	12	+24V	10-28	109
	13	GRDB		108
	14	+5V		107
	20	PWRKBB		101

ISSUE
2D

3ACC CONTROL PANEL

②

SD-1C901-01-B1

BELL TELEPHONE LABORATORIES
INCORPORATED

6S

PRINTED IN U.S.A.

APP FIG. I

PANEL BACKPLANE ASSEMBLY

DESIG	LOC	CODE
CONTROL PANEL CKT	1B2	ED-4C006

ISSUE
2D

3ACC CONTROL PANEL
②
SD-1C901-01-C1

BELL TELEPHONE LABORATORIES
INCORPORATED
6S
PRINTED IN U.S.A.

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER

BATTERY SYMBOL	VOLTAGE RANGE

102.

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY

103.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD

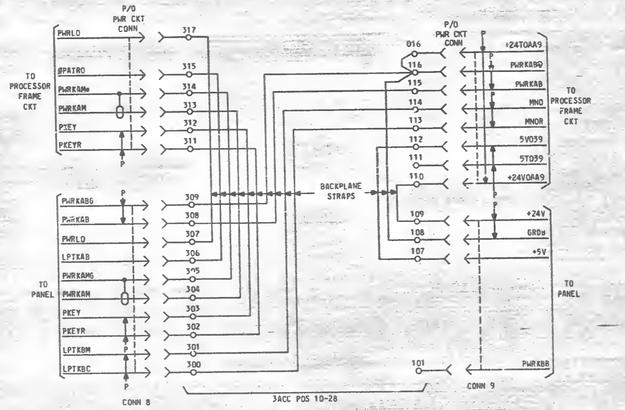
EQUIPMENT NOTES:

201. ALL SWITCHES & INDICATORS CAN BE OBTAINED FROM CUTLER HAMMER.

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED:
RESISTANCE VALUES ARE IN OHMS.
CAPACITANCE VALUES ARE IN MICROFARADS
VALULS PRECEDED BY THE SYMBOL +(PLUS) OR -(MINUS) ARE IN VOLTS.

302. CONNECTION TO PROCESSOR FRAME CKT IS VIA CC BACKPLANE AS FOLLOWS:



ISSUE
2D

3ACC CONTROL PANEL

②

SD-1C901-01-D1

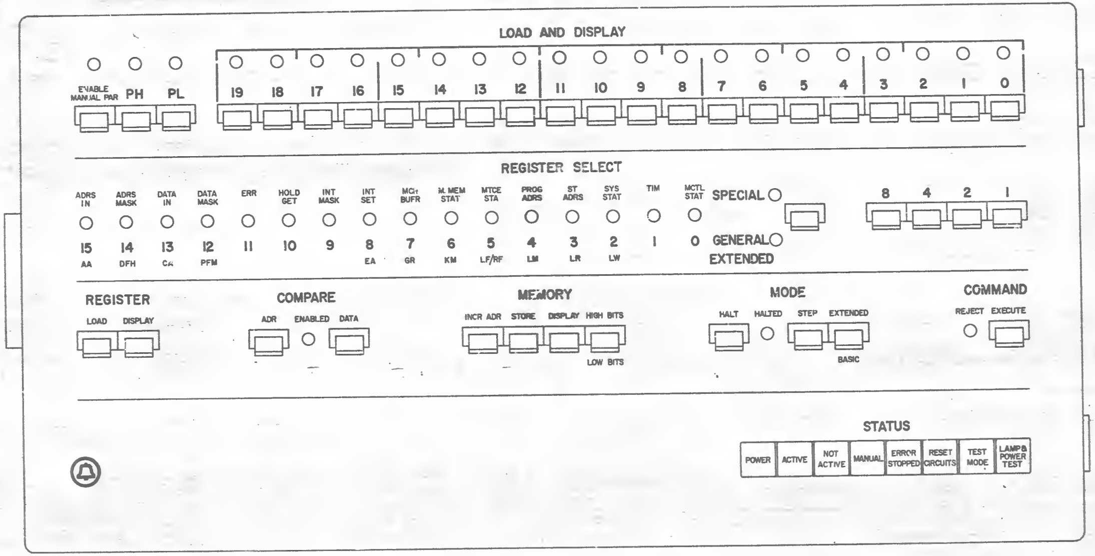
BELL TELEPHONE LABORATORIES
INCORPORATED

DWG SIZE
6S

PRINTED IN U. S. A.

INFORMATION NOTES: (CONT)

303.



ISSUE 3AR

3ACC CONTROL PANEL

SD-1C901-01-D2

BELL TELEPHONE LABORATORIES
INCORPORATED

6S

PRINTED IN U.S.A.

PART OF CPS I

CONTROL PANEL CKT

COMPONENT LIST

CABLE

DESIG	CODE
CABLE 1	ED-4C048-10 G1
CABLE 2	ED-4C048-10 G2
CABLE 3	ED-4C048-10 G3
CABLE 4	ED-4C048-10 G4
CABLE 5	ED-4C048-10 G5
CABLE 6	ED-4C048-10 G6
CABLE 7	ED-4C048-10 G7
CABLE 8	ED-4C048-10 G8

CAPACITOR

DESIG	CODE
C1	602C,20
C2	601A,5

DIODE

DESIG	CODE
[4] CR1.0-CR1.3	458C
[2] CR2.0,CR2.1	458C
[44] CR3.00-CR3.43	~~550B~~ 534E

INDICATOR (SEE NOTE 201)

DESIG	CODE		
ERROR STOPPED	~~SB1DLV491-5~~	KS-21608, L102	
MANUAL	~~SB1DEV491-2~~	KS-21608, L2	(PART OF MANUAL SW ASSY)
NOT ACTIVE	~~SB1DLV491-1~~	KS-21608, L101	
ACTIVE	~~SB1DLV491-6~~	KS-21608, L103	
TEST MODE	~~SB1DLV491-5~~	KS-21608, L102	
PWR ON	~~SB1DEV491-6~~	KS-21608, L1	(PART OF PWR SW ASSY)

EQUIPPED WITH LAMP 388

RESISTOR

DESIG	CODE
[44] R1.00-R1.43	KS-20200 L1,270
[4] R2.0-R2.3	KS-16645 L1,6.2KΩ
[4] R3.0-R3.3	KS-20200 L1,1.3KΩ
[4] R4.0-R4.3	KS-20200 L1,1KΩ
[2] R5.0,R5.1	KS-16645 L1,6.2KΩ

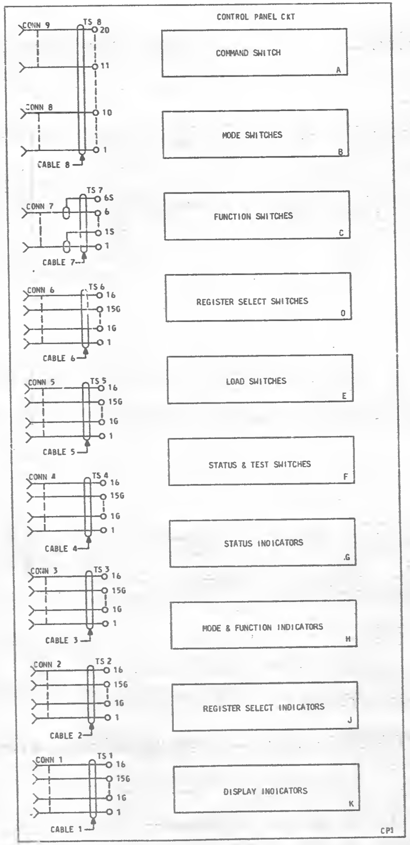
SWITCHES (SEE NOTE 201)

DESIG	CODE	
BAEX	~~8911K741~~	KS-21609, L1
CMP ADR	↓	↓
CMP DATA	↓	↓
DISM	↓	↓
DISR	~~8911K741~~	KS-21609, L1
EN MAN PAR	~~8911K743~~	KS-21609, L3
EXEC	~~8911K744~~	KS-21609, L4
HALT	~~8911K741~~	KS-21609, L1
HILØ	↓	↓
INC ADR	↓	↓
0	↓	↓
1	↓	↓
2	~~8911K741~~	KS-21609, L1
3	~~8911K742~~	KS-21609, L2
4	~~8911K742~~	KS-21609, L2
5	~~8911K742~~	KS-21609, L2
6	~~8911K741~~	KS-21609, L1
7	~~8911K741~~	KS-21609, L1
8	~~8911K741~~	KS-21609, L1
9	~~8911K742~~	KS-21609, L2

SWITCHES (CONT)

DESIG	CODE	
10	~~8911K742~~	KS-21609, L2
11	~~8911K742~~	KS-21609, L2
12	~~8911K741~~	KS-21609, L1
13	~~8911K741~~	KS-21609, L1
14	~~8911K741~~	KS-21609, L1
15	~~8911K742~~	KS-21609, L2
16	~~8911K742~~	KS-21609, L2
17	~~8911K742~~	KS-21609, L2
18	~~8911K741~~	KS-21609, L1
19	~~8911K741~~	KS-21609, L1
LAMP & PWR TEST	~~SB1DDV691-1~~	KS-21608, L5
LOAD	~~8911K741~~	KS-21609, L1
MANUAL	~~SB1DEV491-2~~	KS-21608, L2
PH	~~8911K743~~	KS-21609, L3
PL	~~8911K743~~	KS-21609, L3
PWR	~~SB1DEV491-6~~	KS-21608, L1
REGSEL	~~8911K741~~	KS-21609, L1
REGSEL1	↓	↓
REGSEL2	↓	↓
REGSEL4	↓	↓
REGSEL8	~~8911K741~~	KS-21609, L1
RES CKT	~~SB1DDV691-1~~	KS-21608, L4
STEP	~~8911K741~~	KS-21609, L1
STO	~~8911K741~~	KS-21609, L1
TEST MODE	MS21027-E231	

SYMBOL



MANUFACTURING REFERENCES

CATEGORY	NO.

ISSUE 4D

3ACC CONTROL PANEL

②

SD-1C901-01-J1

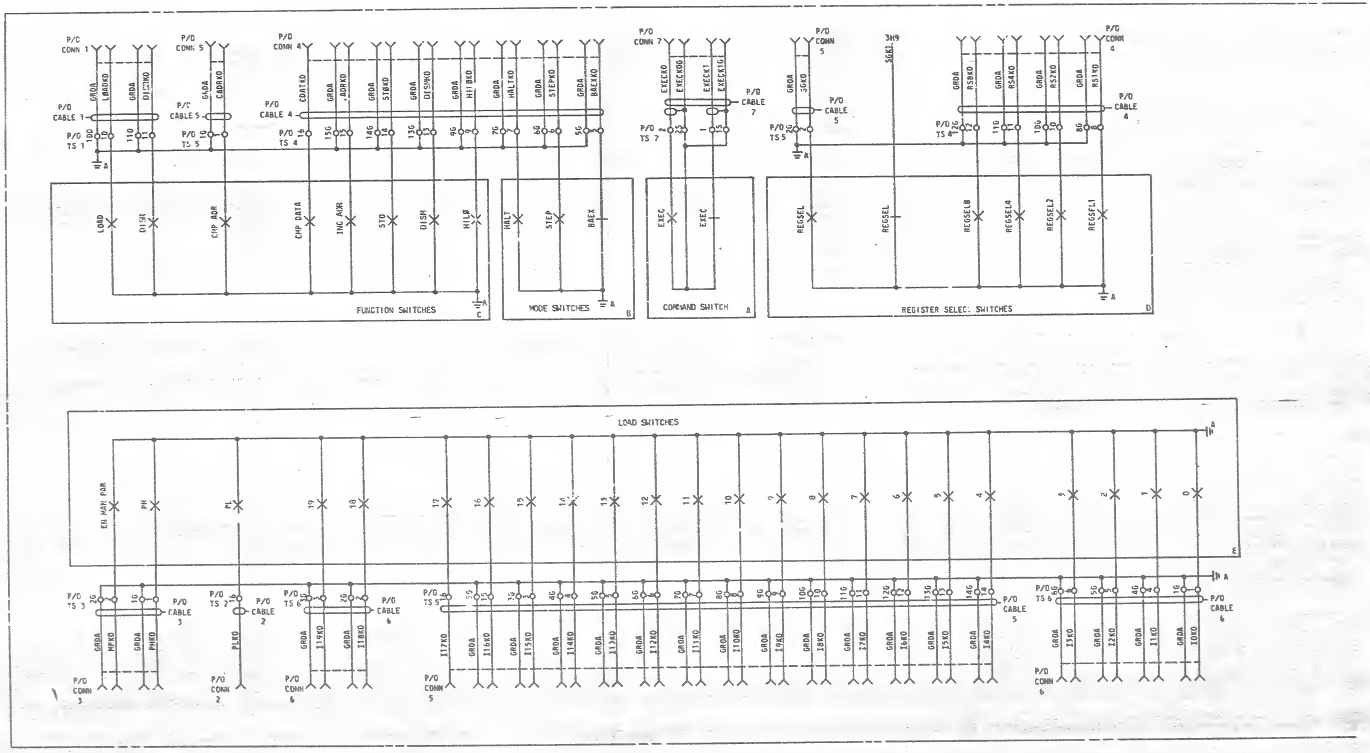
BELL TELEPHONE LABORATORIES
INCORPORATED

DWG SIZE 6S

PRINTED IN U. S. A.

PART OF CPS I

CONTROL PANEL CKTS



ISSUE 2D

3ACC CONTROL PANEL

②

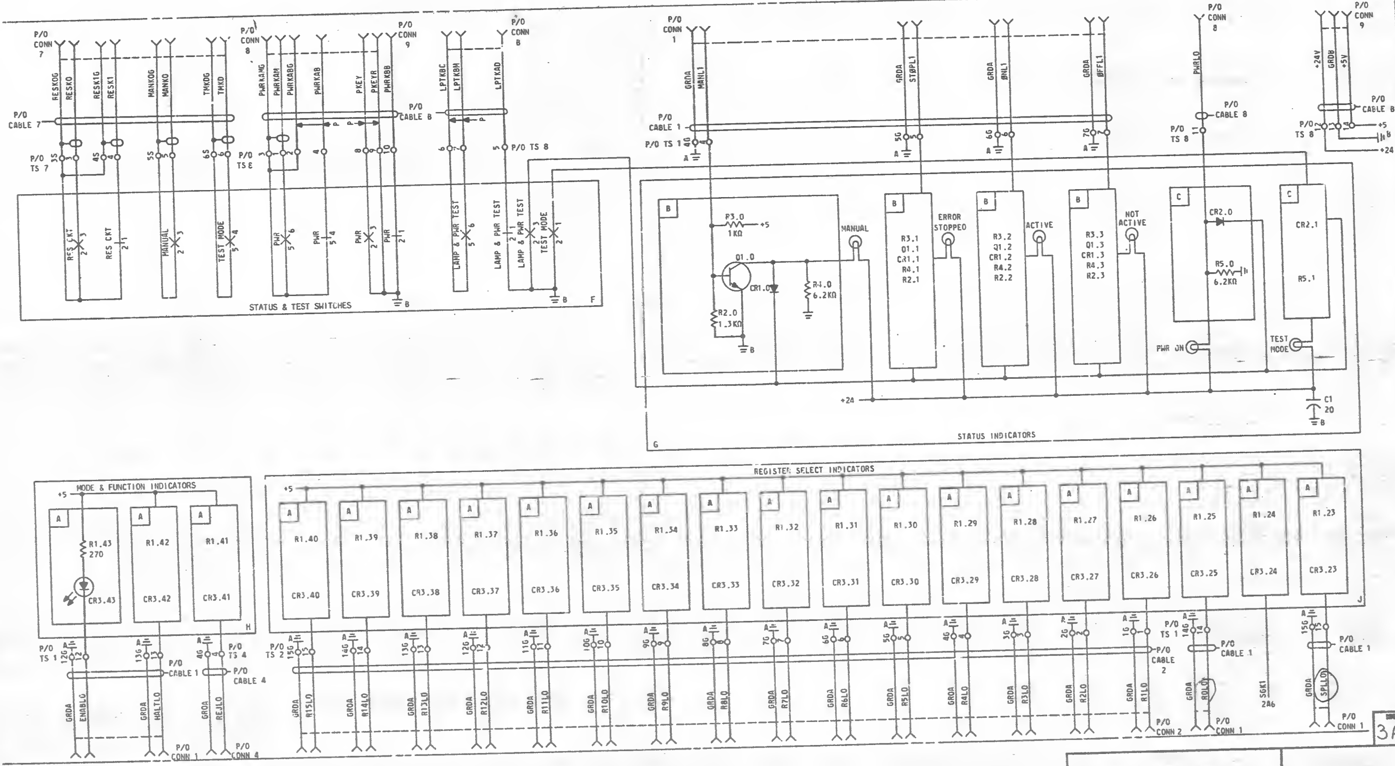
SD-1C901-01-J2

BELL TELEPHONE LABORATORIES
INCORPORATED

6S

PART OF CPS I

CONTROL PANEL CKTS



ISSUE 3AR

3ACC CONTROL PANEL

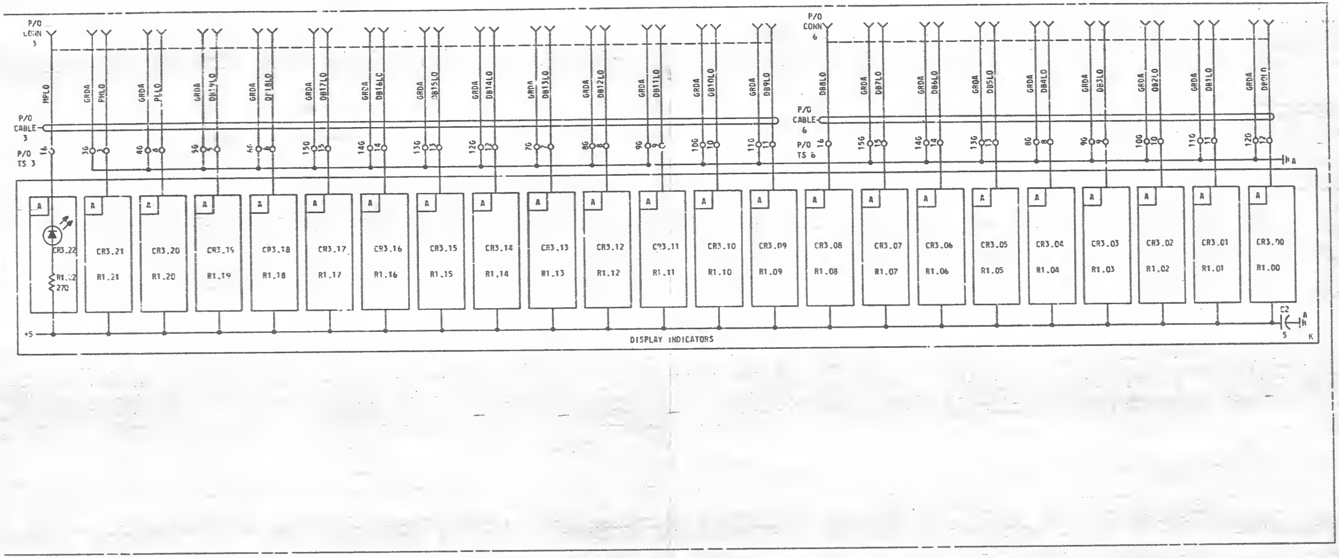
② SD-1C901-01-J3

BELL TELEPHONE LABORATORIES
INCORPORATED

6S

PART OF CPS I

CONTROL PANEL CKTS



ISSUE 2D

3ACC CONTROL PANEL

② SD-1C901-01-J4

BELL TELEPHONE LABORATORIES
INCORPORATED

6S